

# INTERNATIONAL SEARCH REPORT

International Application No  
T/IB2004/050640

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC 7 G06F13/38		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) IPC 7 G06F		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages *	Relevant to claim No.
X	US 2002/116565 A1 (WANG JING ET AL) 22 August 2002 (2002-08-22) paragraphs '0035!', '0040!', '0042!', '0051!', '0139!' - '0142!; figure 5	1-12
A	US 6 119 190 A (GARNEY JOHN I) 12 September 2000 (2000-09-12) column 2, line 16 - column 3, line 53	1-12
A	US 6 496 869 B1 (CHENG SHELLEY) 17 December 2002 (2002-12-17) abstract paragraphs '0046!', '0054!	1-12
A	US 6 470 409 B1 (RIDGEWAY DAVID J) 22 October 2002 (2002-10-22) abstract paragraphs '0095!' - '0098!	1-12
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="width: 45%;"> <p>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>*Z* document member of the same patent family</p> </div> </div>		
Date of the actual completion of the international search  22 October 2004		Date of mailing of the international search report  02/11/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer  Juenger, B

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 632 390 A (NEDERLAND PTT) 4 January 1995 (1995-01-04) abstract	1-12
A	EP 0 530 363 A (KOMATSU MFG CO LTD) 10 March 1993 (1993-03-10) column 24, lines 45-56	1-12

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2002116565	A1	22-08-2002	NONE	
US 6119190	A	12-09-2000	US 6349354 B1	19-02-2002
US 6496869	B1	17-12-2002	US 6292831 B1	18-09-2001
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			WO 9118346 A1	28-11-1991
			US 5502822 A	26-03-1996

## PCT

Paper Copy (NOT for submission)

VIII-2-1	Declaration: Entitlement to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate: Name (LAST, First)	in relation to this international application  KONINKLIJKE PHILIPS ELECTRONICS N.V. is entitled to apply for and be granted a patent by virtue of the following:
VIII-2-1(ii)		KONINKLIJKE PHILIPS ELECTRONICS N.V. is entitled as employer of the inventor, NG, Chee, Y.
VIII-2-1(ii)		KONINKLIJKE PHILIPS ELECTRONICS N.V. is entitled as employer of the inventor, CHANG, Yeow, K.
VIII-2-1(ii)		KONINKLIJKE PHILIPS ELECTRONICS N.V. is entitled as employer of the inventor, SHARMA, Kawshol
VIII-2-1(ii)		KONINKLIJKE PHILIPS ELECTRONICS N.V. is entitled as employer of the inventor, VERTENTEN, Bart
VIII-2-1(ix)	This declaration is made for the purposes of:	all designations except the designation of the United States of America